

## AHTC Company Profile

Located in Southern California, Andrews Hi-Tec Corporation was established in 1984 as a metal components processor specializing in electron beam welding. Our capabilities include manufacturing, assembly, testing and inspection. We are worldwide recognized for our superior electron beam welding capabilities and high standards of quality. [\[More About Us\]](#)



### ❖ Our Company

OUR COMPANY HISTORY OF ANDREWS HI-TEC CORP Located in Southern California, Andrews Hi-Tec Corporation was established in 1984 as a metal components processor specializing in electron beam welding. Our capabilities include manufacturing, assembly, testing and inspection. We are worldwide recognized for our superior electron beam welding capabilities and high standards of quality. ...

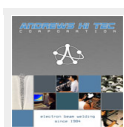
### ❖ Electron Beam Process

ELECTRON BEAM WELD PROCESS Electrons are generated by heating the filament located in the electron beam gun (grid). Because of the special design of this gun, the electrons are shaped to form the electron beam. The beam then travels through the following: -> Anode -> Column Valve -> Magnetic Lens -> ...

### ❖ EB Weld Advantages

ELECTRON BEAM ADVANTAGES SOLVE YOUR PRODUCTION PROBLEMS WITH E.B. TECHNOLOGY HIGH EFFICIENCY. Electron beam welding produces about half as much waste heat as tungsten arc welding, to minimize distortion and metallurgical problems. PINPOINT CONTROL. Width of weld can be focused almost to a hairline, or broadened as desired. CLEANER WELDS. Welds are performed in vacuum (a high...

### ❖ PDF Brochure



Our new PDF brochure is a condensed version of our website. It outlines the Electron Beam welding process, covers the advantages of EB welding and lists all of our contact info. [\[Read More...\]](#)

### ❖ About the CEO



Andrews Hi-Tec has been engaged in electron beam welding technologies for over 27 years and our president has been in the electron beam industry for almost 40 years. [\[Read More...\]](#)

### ❖ Contact Us

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